Index of Claims



Application/Control No.

10/522,196 Examiner

Eron J. Sorrell

Applicant(s)/Patent under Reexamination

ZEBELLONI ET AL.

Art Unit

2182

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

Interference

A Appeal
O Objected

| Claim |  | Date     |  |          |  |  |  |  |                |          |  |
|-------|--|----------|--|----------|--|--|--|--|----------------|----------|--|
| 1 1   |  | 1        | Г  | П        | Π  | <u> </u>   | Ť  | Т  | Ī              | $\Box$   |  |
| Final |  | 7/21/07  |  |          |  |  |  |  |                |          |  |
|       | 1  | 1        |  |          |  |  | İ  |  |                |          |  |
|       | 1<br>2<br>3<br>4<br>5  |          |  |          |  |  |  |  |                |          |  |
|       | 3  | П        |  |          |  | 1  | 1  |  |                |          |  |
|       | 4  | T        |  |          | <del>                                     </del> | 1  | 1  | $\vdash$   | T              |          |  |
|       | 5  |          | $\vdash$   | П        | ┰  | 1  | <b>—</b>   | _  | $\vdash$       |          |  |
|       | 6  |          | $\vdash$   | -        | _  |  |  | <del>                                     </del> | <u> </u>       |          |  |
|       | 6<br>7   | H        | <del>                                     </del> | 1        | <del>                                     </del> | 1  | $\vdash$   | ✝  |                | М        |  |
|       | 8  |          | $\vdash$   |          |  |  |  | T  |                | П        |  |
|       | 9  |          | $\vdash$   |          |  | $\vdash$   | <del>                                     </del> | _  |                | П        |  |
|       | 10   | Ħ        |  |          |  |  | T  |  |                | П        |  |
|       | 11   | 1        |  |          |  | <del>                                     </del> | <u> </u>   | Τ  |                |          |  |
|       | 12   |          |  |          |  | T  |  |  |                | П        |  |
|       | 13   |          |  |          |  |  |  |  |                | П        |  |
|       | 14   | T        |  | <u> </u> |  |  | ļ  |  |                |          |  |
|       | 15   | T        |  | Τ        |  |  | Г  |  |                | П        |  |
|       | 16   |          |  |          |  |  | 1  |  |                |          |  |
|       | 17   |          |  |          |  | Ì  |  |  |                | П        |  |
|       | 18   |          |  |          |  |  |  |  |                |          |  |
|       | 19   | $\top$   |  |          |  |  |  |  | -              | П        |  |
|       | 20   | +        |  |          |  |  |  |  | Т              |          |  |
|       | 21   | 1        |  |          | _  | · · · · ·  |  |  |                |          |  |
|       | 22   |          |  |          |  |  |  |  |                |          |  |
|       | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32 |          |  | Г        | Г  | Т  |  | Г  | _              |          |  |
|       | 24   |          |  |          |  |  |  |  |                |          |  |
|       | 25   |          |  |          |  |  |  |  |                |          |  |
|       | 26   |          |  |          |  |  |  |  |                |          |  |
|       | 27   |          |  |          |  |  |  |  |                |          |  |
|       | 28   |          |  |          |  | <u> </u>   |  |  |                |          |  |
|       | 29   |          |  |          |  |  |  |  |                |          |  |
|       | 30   |          |  |          |  |  |  |  |                |          |  |
|       | 31   |          |  |          |  |  |  |  |                |          |  |
|       | 32   |          |  |          |  |  |  |  |                |          |  |
|       | 33   |          |  |          |  |  |  |  |                |          |  |
|       | 34<br>35   |          |  |          |  |  |  |  |                |          |  |
|       | 35   |          |  |          |  |  |  |  |                |          |  |
|       | 36   |          |  |          |  |  |  |  |                |          |  |
|       | 37<br>38   |          |  |          |  |  |  | L  |                |          |  |
|       | 38   |          |  | L.,      |  |  | <u> </u>   | <u> </u>   |                |          |  |
|       | 39   | _        |  | Щ        |  | <u> </u>   | <u> </u>   | $\sqcup$   | ldash          | Щ        |  |
|       | 40   | _        |  |          |  | <u> </u>   |  | Ш  |                | Ш        |  |
|       | 41   |          |  |          |  |  | !  |  |                | Ш        |  |
|       | 42   |          |  |          |  | <u> </u>   | H  | _  | <u> </u>       | Ш        |  |
|       | 43   | _        |  |          | _  | <u> </u>   |  |  | _              | Щ        |  |
|       | 44   | _        | _  |          |  | <u> </u>   | <u> </u>   | <u> </u>   |                | $\Box$   |  |
|       | 45   | _        |  |          | _  | <u> </u>   | <u> </u>   | <u> </u>   | ļ.,            |          |  |
|       | 46   |          |  |          |  | $\vdash$   |  | <u> </u>   | $\vdash\vdash$ | _        |  |
| -     | 47<br>48   |          |  |          |  |  |  |  | -              |          |  |
|       | 48   |          |  |          |  |  |  | $\vdash$   | $\vdash$       | $\dashv$ |  |
| +     | 50   | $\dashv$ | -  | -        |  |  |  |  | $\vdash$       | $\dashv$ |  |
|       | 30   |          |  |          |  |  |  |  |                |          |  |

| Cla           | Date     |              |          |  |  |  |          |              |  |  |
|---------------|----------|--------------|----------|--|--|--|----------|--------------|--|--|
|               | <u> </u> |              |          |  |  | 1  |          | 1            | 1  | 1  |
| Final         | Original |              |          |  | 1  |  | ]        |              |  |  |
| 1 ৳           | ·Ē       |              |          |  | ı  | 1  |          |              |  |  |
| -             | 0        |              | l        | 1  |  | 1  |          |              |  |  |
|               | E4       | <del> </del> | -        | -  | -  | ┼  | ╌        | <del> </del> | ├  | ╁  |
|               | 51       |              | -        | -  | <u> </u>                                     | -  | ⊢        | -            | ┝  | $\vdash$   |
|               | 52       | <u> </u>     | <u> </u> |  | <u> </u>                                     | <u> </u>   | <u> </u> | L            | <u> </u>   | ļ  |
|               | 53       | L.           |          | <u> </u>   | <u>L</u>                                     | L  |          |              |  | ┖  |
|               | 54       |              |          |  | 1  |  |          |              |  |  |
|               | 55       |              |          |  |  |  |          |              |  | Ī  |
|               | 56       |              | Г        |  |  |  |          |              |  |  |
|               | 57       |              |          |  |  |  |          | T            | $\vdash$   |  |
|               | 58       | ┢            | 1        | -  | _  | <del>                                     </del> | T        | t            | ┢  | ┪  |
|               | 59       | -            | ╁─       | -  | -  | 一  | H        | +-           | ┢  | $\vdash$   |
|               |          |              | ├        | ├  |  | -  | ┢        | ⊢            | ├  | ├  |
| -             | 60       | <u> </u>     | ┝        | ⊢  | <b>—</b>                                     | -  | <u> </u> | ⊢            | <u> </u>   | -  |
| <u></u>       | 61       | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>                                     | <u> </u>   | <u> </u> | ļ            |  | <u> </u>   |
|               | 62       |              | _        | L  | $oxed{oxed}$                                 | <u> </u>   | L_       | L            |  | <u> </u>   |
|               | 63       | L            |          | L  | L  | L  | L        | L            | L  | L  |
|               | 64       |              |          | Γ  |  |  |          |              |  | Π  |
|               | 65       |              |          |  |  |  |          |              |  | П  |
|               | 66       |              |          | $\vdash$   | $\vdash$                                     | $\vdash$   |          | Т            |  | $\top$   |
| $\vdash$      | 67       | $\vdash$     |          |  | $\vdash$                                     | $\vdash$   | $\vdash$ |              | $\vdash$   | t  |
| $\vdash$      |          |              |          |  | ⊢  | $\vdash$   | ┢        | H            | _  | <del>                                     </del> |
|               | 68       |              |          | <u> </u>   |  | <u> </u>   |          | ├            |  | <b></b>  |
|               | 69       |              | <u> </u> |  | <u>                                     </u> |  | _        | _            | _  | <u> </u>   |
|               | 70       |              |          |  | _  | _  | _        |              |  | ┕  |
|               | 71       |              |          |  |  |  |          |              |  |  |
|               | 72<br>73 |              |          |  |  |  |          |              |  |  |
|               | 73       |              | Γ        |  |  |  | Г        | Г            |  | Г  |
|               | 74       |              | $\vdash$ |  |  |  | Т        | Т            | $\vdash$   |  |
|               | 75       |              | -        | <del>                                     </del> |  | ╁  | -        | -            | $\vdash$   | -  |
|               | 76       | _            | $\vdash$ | _  |  |  | $\vdash$ | -            | -  | -  |
| $\vdash$      |          | _            | ⊢        | -  | ⊢  | ┢  | $\vdash$ | -            | ⊢  | ⊢  |
| -             | 77       |              | _        |  | <u> </u>                                     |  |          | -            | ├  | -  |
|               | 78       |              | _        | <u> </u>   |  | <u> </u>   |          | <u> </u>     | <u> </u>   |  |
|               | 79       |              |          | L  |  | _  |          |              | _  |  |
|               | 80       |              |          | L  |  |  |          |              |  |  |
| 1             | 81       |              |          |  |  |  |          |              | 1  |  |
| $\Box$        | 82       |              |          |  |  |  |          |              |  |  |
|               | 83       |              |          |  |  |  |          |              |  |  |
| $\vdash$      | 84       |              |          |  |  | T  | 1        |              | <u> </u>   | _  |
|               | 85       |              |          | $\vdash$   | <del></del>                                  | _  | $\vdash$ | $\vdash$     | <del>                                     </del> | $\vdash$   |
| $\vdash$      | 86       |              | H        |  | -  | $\vdash$   | -        | $\vdash$     | -  | -  |
| $\vdash$      |          |              | $\vdash$ |  | _  | -  | <u> </u> |              |  |  |
| $\vdash$      | 87       |              | _        |  |  | $\vdash$   | <u> </u> | <u> </u>     |  | ⊢  |
| <b></b>       | 88       |              |          |  |  | ļ  | _        | <u> </u>     |  | <u> </u>   |
|               | 89       |              | Щ        |  |  | <u> </u>   |          | <u>_</u>     | _  | $\perp$  |
|               | 90       |              |          |  |  |  |          | _            |  |  |
|               | 91       |              |          |  |  |  |          | Ī.           |  |  |
|               | 92       |              |          |  |  |  |          |              |  |  |
|               | 93       |              |          |  |  |  |          |              |  | П  |
|               | 94       | $\neg$       | _        | $\dashv$   | _  | _  | -        | $\vdash$     |  | -  |
|               | 95       |              | -        | Н  | _  |  | -        | Н            |  | $\vdash$   |
| $\vdash$      |          | -            |          | $\vdash$   |  | -  |          | $\vdash$     |  | -  |
|               | 96       |              |          | $\vdash$   |  | $\vdash$   |          | $\vdash$     |  |  |
| <b></b>       | 97       |              |          |  |  |  |          |              |  |  |
| $\vdash$      | 98       |              |          | Щ  |  |  |          | _            |  | _  |
|               | 99       |              |          |  |  |  |          |              |  |  |
| $\rightarrow$ | 100      |              |          |  |  |  |          |              |  |  |

| Claim  |  | Date     |  |  |  |  |               |  |              |                 |  |
|--|--|----------|--|--|--|--|---------------|--|--------------|-----------------|--|
|  |  |          |  |  | Τ  | T  | Π             | Т  |              | Π               |  |
| -  | ı.u  | }        |  |  |  |  |               |  |              |                 |  |
| Final  | Original   |          |  |  | 1  |  |               |  | 1            |                 |  |
| -  | 0  |          |  |  | 1  |  | l             |  | l            |                 |  |
|  | 101  | $\vdash$ | H  | t  | 1  | t  | $\vdash$      | t  | <del> </del> |                 |  |
|  | 102  |          | <del>                                     </del> | †  | <del>                                     </del> | <del> </del>                                     | <del> </del>  | 1  | $\vdash$     | Н               |  |
|  | 103  | $\vdash$ | $\vdash$   | -  | +-   | -  | ╁╌            | ╁  |              | $\vdash$        |  |
|  | 101<br>102<br>103<br>104<br>105<br>106<br>107  |          | 1  | $\vdash$   | 1  | <del>                                     </del> |               | +  | <u> </u>     | Н               |  |
|  | 105  |          | ┢  | ┢  | <del>                                     </del> | <del> </del>                                     |               | 1  | l            | Н               |  |
| <u> </u>   | 106  |          | ┢╌   | -  | <del>                                     </del> | -  |               |  | $\vdash$     | Н               |  |
|  | 107  |          | -  | <del>                                     </del> | <del>                                     </del> | <u> </u>   | -             | 1  | ┰            | Н               |  |
|  | 108  | _        | $\vdash$   |  | $\vdash$   |  |               | $\vdash$   | 一            |                 |  |
|  | 108<br>109   |          | ⇈  | $\vdash$   | t  |  |               | T  | m            | ╁               |  |
|  | 110  | _        | ┢  | $\vdash$   | ┢  |  |               | <del>                                     </del> | ┢            | Н               |  |
|  | 111  |          | ┢  | 1  | <del>                                     </del> | -  | -             | <del>                                     </del> | ╁            | ╁               |  |
|  | 112  |          | $\vdash$   |  | $\vdash$   |  |               | T  | t            | $\vdash$        |  |
|  | 113  |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |               | <del>                                     </del> | $\vdash$     | H               |  |
|  | 110<br>111<br>112<br>113<br>114<br>115<br>116  |          | <del>                                     </del> | $\vdash$   | 1  | $\vdash$   | $\vdash$      | $\vdash$   | $\vdash$     | Н               |  |
|  | 115  | _        | -  | <del>                                     </del> | $\vdash$   | <u> </u>   | $\vdash$      | t  | <del> </del> | $\vdash \vdash$ |  |
| <del>                                     </del> | 116  | _        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$      | $\vdash$   | -            | $\vdash \vdash$ |  |
|  | 117  |          | -  | <del> </del>                                     | ╁  | -  | -             | <del>                                     </del> | $\vdash$     | $\vdash$        |  |
|  | 118  |          |  | $\vdash$   | $\vdash$   | H  | ┢             | ┢╌   | ┢            | Н               |  |
|  | 119  |          |  | ┢  | ┢  | ┢  | -             | $\vdash$   | ┝            |                 |  |
|  | 120  | -        |  | $\vdash$   | H  |  | $\vdash$      |  | $\vdash$     | Н               |  |
|  | 117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | _        | $\vdash$   | ╁  | $\vdash$   | ┢  | $\vdash$      | ┢  | ⊢            | Н               |  |
| $\vdash$   | 122  | _        |  |  | <del>                                     </del> | ┢  | -             | ├  | ┢            | $\vdash$        |  |
|  | 123  | _        | ╁  | ╁  | _  | ╁  | $\vdash$      | ┢  | ┢            | Н               |  |
|  | 124  | _        | _  | ╁  | -  | ┢  | -             | ╫  | ┢            | $\vdash$        |  |
|  | 125  | -        | -  | $\vdash$   | -  | $\vdash$   |               | $\vdash$   | $\vdash$     | Н               |  |
| <b></b>  | 126  |          | ┢  | $\vdash$   | _  | $\vdash$   | $\vdash$      | $\vdash$   | ┢            | H               |  |
| -  | 127  | _        | $\vdash$   | -  |  |  | -             |  |              | Н               |  |
|  | 128  |          | _  | ╁  | -  |  |               | ╁  | $\vdash$     | Н               |  |
|  | 129  |          | $\vdash$   | -  | _  | -  |               | <u> </u>   |              | Н               |  |
|  | 130  |          | <del>                                     </del> |  | <del>                                     </del> | <del>                                     </del> |               |  |              | _               |  |
|  | 131  | _        | -  | ┢  | ┢  |  | $\vdash$      | $\vdash$   | $\vdash$     | $\vdash$        |  |
|  | 132  |          |  |  |  |  | $\vdash$      | -  |              |                 |  |
|  | 131<br>132<br>133<br>134   |          |  | <u> </u>   | $\vdash$   |  |               |  |              | $\vdash$        |  |
|  | 134  |          | _  | $\vdash$   | $\vdash$   | $\vdash$   |               | $\vdash$   |              | $\vdash$        |  |
|  | 135 I  |          | Т  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\overline{}$ |  | $\vdash$     |                 |  |
|  | 136<br>137<br>138  |          |  |  | l  |  |               |  |              |                 |  |
|  | 137  | _        |  |  |  |  | -             |  | $\Box$       | $\neg$          |  |
|  | 138  |          |  |  |  |  |               |  |              |                 |  |
|  | 139  |          |  |  |  |  |               |  |              | $\sqcap$        |  |
|  | 140  |          |  |  |  |  |               | П  |              | $\neg$          |  |
| $\neg \neg$                                      | 141  | $\neg$   | _  | Г  |  |  |               |  |              | $\neg$          |  |
|  | 142  |          | $\overline{}$                                    | Т  | $\overline{}$                                    |  |               |  |              |                 |  |
|  | 143  | $\neg$   |  |  |  | П  |               |  |              | $\Box$          |  |
|  | 144  |          |  |  |  |  |               |  |              | $\neg$          |  |
|  | 145  | T        |  |  |  |  |               |  |              | $\neg$          |  |
|  | 146  | $\neg$   |  |  |  |  |               |  |              | $\neg$          |  |
|  | 147  |          |  |  |  | $\Box$   |               |  |              | $\neg$          |  |
|  | 148  | $\neg$   |  |  |  |  |               |  | $\neg$       | $\neg$          |  |
|  | 149  |          |  |  |  |  |               |  |              |                 |  |
|  | 150  |          |  |  |  |  |               |  |              |                 |  |